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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/930,929
				Filing Date	August 16, 2001
				First Named Inventor	Mark A. Dugan
				Art Unit	2874
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	30256/37516/US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>[Signature]</i>	A1	2001/0021293-A1	09-13-2001	Kouta et al.	
<i>[Signature]</i>	A2	5,656,186	08-12-1997	Mourou et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>[Signature]</i>	C1	Bado, "Ultrafast pulses create waveguides and microchannels," Laser Focus World 73-78 (2000)		
<i>[Signature]</i>	C2	Davis, et al. "Writing waveguides in glass with a femtosecond laser," Optics Letters 21(21):1729-1731 (1996)		
<i>[Signature]</i>	C3	Herman, et al. "Laser shaping of photonic materials: deep-ultraviolet and ultrafast lasers," Applied Surface Science 154-155:577-586 (2000)		
<i>[Signature]</i>	C4	Hill et al. "Fiber Bragg Grating Technology Fundamentals and Overview," Journal of Lightwave Technology 15(8):1263-1274 (1997)		
<i>[Signature]</i>	C5	Homoelle, et al. "Infrared photosensitivity in silica glasses exposed to femtosecond laser pulses," Optics Letters 24(18):1311-1313 (1999)		
<i>[Signature]</i>	C6	Kondo, et al. "Fabrication of long-period fiber gratings by focused irradiation of infrared femtosecond laser pulses," Optics Letters 24(10):646-648 (1999)		
<i>[Signature]</i>	C7	Korte, et al. "Sub-diffraction limited structuring of solid targets with femtosecond laser pulses," Optics Express 7(2):41-49 (2000)		
<i>[Signature]</i>	C8	Miura, et al. "Photowritten optical waveguides in various glasses with ultrashort pulse laser," Appl. Phys. Lett 71(23):3329-3331 (1997)		
<i>[Signature]</i>	C9	Quellette, "Fiber Bragg Gratings," Spie's OEmagazine 38-41 (2001)		
<i>[Signature]</i>	C10	Shihoyama, et al. "Micromachining with Ultrafast Lasers"		
<i>[Signature]</i>	C11	Sikorski, et al. "Using Femtosecond Lasers to Micromachine Integrated Optical Devices," Laser Microfabrication 1-9 (2000)		
<i>[Signature]</i>	C12	Streltsov, et al. "Fabrication and analysis of a directional coupler written in glass by nanojoule femtosecond laser pulses," Optics Letters 26(1):42-43 (2001)		
<i>[Signature]</i>	C13	Takada et al. "Low-cross-talk polarization-insensitive 10-GHz-spaced 128-channel arrayed-waveguide grating multiplexer-demultiplexer achieved with photosensitive phase adjustment," Optics Letters, 26(2):64-65 (2001)		
<i>[Signature]</i>	C14	Yamada, et al. "In situ observation of photoinduced refractive-index changes in filaments formed in glasses by femtosecond laser pulses," Optics Letters 26(1):19-21 (2001)		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT


(use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	30256/37516/US
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Complete if Known

Application Number	09/930,929
Filing Date	August 16, 2001
First Named Inventor	Mark A. Dugan
Group Art Unit	2874
Examiner Name	Not Yet Assigned
Attorney Docket Number	30256/37516/US

	C15	"Guiding Light - Optical networks of the future will have a heart of glass," New Scientist page 21 (21 April 2001; No. 2287)	
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Examiner Signature		Date Considered	6/12/2003
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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